Cloth purchased by Government for the requirements of various Departments.

Q.—405. **Sri S. R. NAGAPPA SETTY** (Shimoga).—

Will the Government be pleased to state :—

(*a*) the total quantity of cloth in square yards purchased by Government, for the requirements of different Departments, Hospital, Police, Secretariat, Education, Industries Department, Forest and Judicial Departments in the years 1950-51, 1951-52, 1952-53, 1953-54 and 1954-55 and the total value thereof ;

(*b*) the quantity of cloth purchased of khadi, hand-spun and hand woven and hand-loom cloth during the above-said years ;

(*c*) whether they are aware that delay in getting quotations from cottage industries by the Stores Purchase Committee results in a preference having to be necessarily shown to mill goods ;

(*d*) whether they will place orders for the requirements early in the months of April and May of each year in order to encourage Cottage Industries to supply in time ?

A.—**Sri H. SIDDAVEERAPPA** (Minister for Home and Industries).—

(*a*) The information required is not readily available and is being compiled.

(*b*) Do do

(*c*) No.

(*d*) Yes, will be considered.

Government farms under the control of Agricultural Department, Animal Husbandry and Horticulture.

Q.—406. **Sri S. R. NAGAPPA SETTY** (Shimoga).—

Will the Government be pleased to state :—

(*a*) the names and nature of all Government farms under the Control of the Departments of Agriculture, Animal Husbandry and Horticulture ;

(*b*) the total expenditure, net receipts and the per cent of net receipts over expenditure to the Government on account of each of these farms ;

(*c*) the object with which these farms were started and how far these objects are fulfilled ;

(*d*) to what extent the people have been actually benefited and if so, whether it is commensurate with the expenditure on them (information with the figures may be given) ;

(*e*) the list of actual researches and experiments that are being carried out on these farms which are of benefit to our people ?

(*f*) what steps they have taken to make these farms self-supporting and also more serviceable to people ;

A.—**Dr. R. NAGAN GOWDA** (Minister for Agriculture).—

(*a*) *Department of Agriculture.*

1. Major farms.—
   - (i) Visvesvaraya Canal Farm, Mandya.
   - (ii) Balbur Farm, Hiriyur.
   - (iii) Paddy Breeding Station, Nagenhalli.
   - (iv) Central Farm, Hebbal.
   - (v) Agricultural Research Station, Hagari, Bellary District.
   - (vi) Sugarcane Liaison Farm, Hospet.
   - (vii) Areca Research Station, Tirthahalli.

2. Regional farms.—
   - (viii) Yelavare Regional Farm, Arsikere.
   - (ix) Haradanahalli Regional Farm, Mysore District.

3. School Farms.—
   - (x) Ramakrishna Krishi Shala, Anekal.
   - (xi) Somanahalli Agricultural School, Maddur.
   - (xii) S. K. V. D. Patasala, Sira Taluk, (Now handed over to Education Department).

Department of Animal Husbandry.

- (i) Composite Livestock Farm and Research Station, Hessarghatta.
- (ii) Government Stud Farm, Kunigal.
- (iii) Cattle Breeding Station, Ajjampur.

(iv) The four Economic Cattle Farms at (1) Berur, (2) Kynodu, (3) Uluvarthy, (4) Abbanaghatta.

(v) The combined Sheep and Cattle Farm, Kurikuppi, Bellary District.

Government Gardens Department.

(i) Horticultural Farm, Bangalore.
(ii) Fruit Research Station, Hessarghatta.
(iii) Fig Demonstration Farm, Ganjam.
(iv) Horticultural Farm, Maddur.
(v) Demonstration Orchard at Krishnarajasagara.
(vi) District Horticultural Nurseries at Tumkur, Chitaldrug, Chikmagalur, Shimoga.

(*b*) Please see Statement I.
(*c*) Please see Statement II.
(*d*) Please see Statement III.
(*e*) Please see answer to clause (*d*)
(*f*) As far as possible the expenditure has been curtailed to the Irreducible minimum.

STATEMENT I.

Sl. No.	Name of the Farm or Station	Expenditure			Receipts			Percentage of Receipts over expenditure for 1953-54
	DEPARTMENT OF AGRICULTURE.	Rs.	a.	p	Rs.	a.	p	
1	V C Farm, Mandya	1,17,964	0	0	62,933	0	0	53
2	Babbur Farm, Hiriyur.	55,866	0	0	30,764	0	0	55
3	Paidy Breeding Station, Nagenahalli ...	24,795	0	0	13,932	0	0	56
4	Central Farm, Hebbal (attached to Agricultural College)	48,847	0	0	10,982	0	0	22
5	Agricultural Research Station, Siraguppa, Bellary District	78,499	0	0	21,878	0	0	20
6	Agricultural Research Station, Hagari, Bellary District (from 1-10-53 to 31-3-54) ..	22,267	0	0	4,704	0	0	21
7	Sugarcane Liaison Farm, Hospet ..	18,517	0	0	20,860	0	0	112
8	Areca Research Station, Tirthahalli ...	16,905	0	0	10,604	0	0	66
9	Regional Farm, Yalavade	7,850	0	0	6,618	0	0	81
10	Hardanahalli Regional Farm	7,213	0	0	3,261	0	0	45
11	Ramakrishna Krishi Shala	19,516	0	0	17,578	0	0	90
12	Somanahalli Agricultural School, Maddur ...	12,027	0	0	4,757	0	0	39
13	S. K. V. D. Patasala (Agricultural School) ...	12,996	0	0	16,410	0	0	111
	DEPARTMENT OF ANIMAL HUSBANDRY.							
1	Composite Livestock Farm and Research Station, Hessarghatta	4,33,662	0	0	1,61,562	0	0	37
2	Government Stud Farm, Kunigal ..	1,46,895	0	0	1,64,332	0	0	112
3	Cattle Breeding Station, Ajjampur ...	98,647	0	0	25,026	0	0	25
4	Economic Cattle Farms	22,358	0	0	41,163	0	0	184
5	Combined Sheep and Cattle Farm, Kurikuppi ..	2,21,604	0	0	25,942	0	0	12
	GOVERNMENT GARDENS DEPARTMENT.							
	Horticultural Farm, Bangalore ...	31,161	0	0	47,391	5	3	152
	Fruit Research Station, Hessarghatta ...	28,520	7	0	9,573	14	3	33
	Fig Demonstration Farm, Ganjam ..	3,507	0	0	1,137	8	0	32
	Horticultural Farm, Maddur	5,02	9	0	481	10	3	9
	Demonstration Orchard, K. R Sagara ..	8,085	8	0	2,968	13	3	36
	District Horticultural Nursery, Tumkur ...	1,825	1	0	373	2	9	20
	Do Chitaldrug ..	3,555	11	0	710	2	9	20
	Do Chickmagalur ..	3,633	9	0	1,767	11	6	48
	Do Shimoga ...	4,088	0	0	1,840	1	4	45

(DR. R. NAGAN GOWDA).

STATEMENT II.

Name of the Farm	Objects of starting	Objects achieved
1 Hebbal Farm, Bangalore.	For experimental work on ragi, paddy and sugarcane, for trying out on small plots and fields the results obtained in Pot culture house and laboratories. This farm is also used for the breeding of ragi, groundnut, sugarcane and some varieties of paddy suitable for tank atchkats.	H22 in Ragi and H.M. 320 in Sugarcane have been evolved as a result of experimental work conducted at the farm.
2 Paddy Breeding Station, Nagenhalli.	For evolving a large number of paddy varieties suitable for the different paddy zones of the State.	The famous Coimbatore Sanna, Ratnachoodi and recently Bangarkovi were the products of intensive research and trials carried out at Nagenahalli.
3 Babbur Farm, Hiriyur.	Mainly as a cotton breeding station for the black cotton soil areas of the State.	Serves as a centre for trial of varieties of sugarcane suitable for V. V. Atchkat.
4 Visvesvaraya Canal Farm, Mandya.	To serve as a demonstration centre for cultivation of sugarcane in V. C. Area and for large scale trials of varieties of sugarcane evolved at Hebbal for breeding Long Staple Cotton (MAV).	Results obtained in the farm have made possible successful cultivation of sugarcane in V. C. Area. Several very good strains of long staple cotton have been evolved here such as M. A. V. Several good and high yielding strains of Sugarcane has also been evolved here. It was here that jaggery manufacture as a Cottage Industry was developed.
5 Agricultural Research Station, Siruguppa.	To study the effects of irrigation in black soils and to develop suitable irrgiation technique for the area.	Successful crop varieties suitable for this area have been found out and economic manurial doses have been determined. Long range crop rotations and other culturals trial have also been laid.
6 Agricultural Research Station, Hagari.	To study methods of agricultural improvement and to breed varieties of the main dry land crops (chiefly cotton and jola).	1 Evolution of H1 Hingari Jowar strain most popular in this District. 2 Evolution of H1 Cotton strain which now covers 60–90 per cent of the area in Hingari cotton.

7	Sugarcane Liaison Farm, Hospet.	For conducting varietal, manurial and cultural trials in respect of sugarcane in this area.
8	Regional Farms, Yelavara Farm.	For taking up crops, *viz.*, cotton, cocoanut, castor, coriander and chillies for investigation and evolving suitable varieties used, cultivation, manurial and processing schedules.
9	School Farms ...	To serve as centres for practical work by the students of the Agricultural Schools and in addition, also to serve as multiplication centres for improved varieties of crops.

3 Determination of the frequency of inter-culture of cotton and jowar.
4 Development of methods of dry farming.
5 Evolution of suitable varieties for the dry farming trials.
6 Determination of suitable rotation schedules for these areas; and
7 Manurial schedules for different crops.

As a result of work in this farm, the following results heve been obtained :—

1 Co. 449 can be planted as an early variety.
2 200-250 lbs. of Nitrogen are required for maximum results.
3 Phosphates do not appear to be necessary for stimulating results
4 Nitrogen may be applied as a mixture of oil cake and Ammonium Sulphate in either of the three proportions, *i.e.*, 2 : 1, 1 : 1 and 1 : 2 on Nitrogen basis.
5 This Nitrogen application gives best results if applied in two doses. 7 and 14 weeks after planting.
6 Optimum distance between rows is 2'—9" and the optimum seed rate is 12 thousand sets of three eye buds.

It is too early to expect results as the farm was started very recently.

Suitable manurial schedules for different crops of the State have been evolved.

Statement II—*contd.*

	Name of the Farm	Objects of starting	Objects achieved
10	Composite Live-stock Farm, Hessaraghatta.	Supplying pedigreed Sindhi bulls, Hallikar bulls, buffalo bulls, Sindhi rams, poultry and eggs of foreign breeds and fingerlings of exotic varieties of fish.	This Farm is serving a useful purpose in the distribution of improved varieties of live-stock. This year hatching eggs of exotic varieties from the farm are being distributed in rural areas on a mass scale.
11	Government Stud Farm, Kunigal.	To breed race horses ...	It has earned considerable profits from breeding operations.
12	Cattle Breeding Station, Ajjampur.	To breed and supply Amritmahal bulls ...	Has not been possible to achieve tangible results yet.
13	Economic Cattle Farms.	To provide a continuous supply of pedigreed breeding Amritmahal bulls.	It is early to assess the results.
14	Combined Sheep and Cattle Farms, Kurikuppi.	To provide pedigreed Hallikar bulls and good Bellary type stud rams.	It is too early to judge the results.
15	Horticultural Farm, Bangalore.	Cultivation of grass and vegetables ...	This farm besides supplying large quantities of fodder grass and vegetables to Bangalore has also earned handsome profits.
16	Fruit Research Station, Hessarghatta.	To conduct experiments on apples ...	The best Rome Beauty and Malling No. I are found out.
17	Fig Demonstration Farm, Ganjam.	To revive fig cultivation ...	Measures taken to control pests and diseases have become fruitful.
18	Horticultural Farm, Maddur.	To demonstrate methods of fruit and vegetable cultivation.	A large number of avenue plants have been raised and distributed.
19	Demonstration Orchard, Krishnarajasagara.	To study cultivation of fruits suited for the V. C. Area.	It has been found that Sapodilla, Mango, Gauva, Papaya Banana and Coconut are well suited for this area.
20	District Horticultural Nurseries at Tumkur, Chitaldrug, Shimoga and Chikmagalur.	Propagation of avenue and economic plants.	Requirements of each district is being met by these nurseries.

STATEMENT III.

Agricultural Farms.—It is not possible to determine exactly by how much the people have been actually benefitted. But a rough estimate can be made.

In respect of Cotton 92 per cent of the areas is under improved varieties of crops evolved by the Department, total extra production per annum being 7 lakh maunds. The net gain accruing to the ryot as a result of growing these extra production by these improved varities would be 17,238 bales valued at Rs. 180 lakhs.

In respect of sugarcane, the benefit to the ryots may be estimated at 64 lakhs of rupees annually. In respect of paddy, at 120 lakhs of rupees per annum and in respect of ragi at 66 lakhs of rupees per annum.

Farms of Animal Husbandry Department.—Large numbers of pedigreed live-stock for breeding purposes as indicated below have been distributed from these farms:—

Composite Live-stock Farm and Research Station, Hessarghatta.

Year	*Stud Rams*	*Fertile Eggs*	*Breeding Birds*
1950-51	1	12,452	911
1951-52	3	15,209	1,374
1952-53	28	9,939	3,424
1953-54	1	11,223	5,156

Year	*Cattle Breeding Station, Ajjampur* — *Bulls*	*Economic Cattle Farms* — *Bulls*
1950-51	43	...
1951-52	62	...
1952-53	15	2
1953-54	14	7

Combined Sheep and Cattle Farm, Kurikuppi

Year	*Bulls*	*Stud Rams*
1950-51	5	...
1951-52	8	45
1952-53	10	6
1953-54	19	17

This have in turn led to an upgrading of the live-stock revised by ryots.

Horticultural Farms.—Have served to demonstrate to the public methods of raising successfully fruit and vegetable plants.

Judicial Department (No. of Clerks given extension).

Q.—407. **Sri S. R. NAGAPPA SETTY** (Shimoga).—

Will the Government be pleased to state:—

(*a*) how many clerks are given extension in the Judicial Department;

(*b*) the reason for giving extension?

A.—**Sri A. G. RAMACHANDRA RAO** (Minister for Law and Education).—

(*a*) The number of persons who have been granted extension of service in the Judicial Department up to 1-10-1954 in the year 1954-55 is ten, consisting of 4 clerks, 1 Head Munshi, 2 typist-copyists, 2 process Nazirs and 1 Mutchi.

(*b*) Efficiency and fitness to continue to work. The grant of extensions was considered necessary in the interests of Public Service.